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 CENTRAL INTELLIGENCE AGENCY REPORT  
 INFORMATION FROM CD NO. [ ]  
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

50X1-HUM

COUNTRY USSR  
 SUBJECT Scientific - Physics, cosmic rays, electromagnetic waves  
 HOW PUBLISHED Books  
 WHERE PUBLISHED Moscow/Leningrad  
 DATE PUBLISHED 1945  
 LANGUAGE Russian  
 DATE OF INFORMATION 1939 - 1945  
 DATE DIST. 24 Apr 1951  
 NO. OF PAGES 2  
 SUPPLEMENT TO REPORT NO.

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SOURCE Trudy Fizicheskogo Instituta, Vol III, No 1 and 2, 1945

TABLE OF CONTENTS OF VOLUME III, 1945, OF WORKS OF THE PHYSICAL INSTITUTE IMENI LEBEDEV

The following report gives the table of contents of Trudy Fizicheskogo Instituta, Vol III, 1945, published by the Press of the Academy of Sciences USSR in Moscow/Leningrad. Volume III is divided into two numbers, as follows:

Number One

1. S. I. Vavilov, "Short Outline History of the Physical Cabinet, Physical Laboratory, and Physical Institute of the Academy of Sciences USSR" (speech given at the Triumphant Session of the Physical Institute imeni P. N. Lebedev, 12 June 1945), pp 5-24.
2. S. N. Vernov, "Latitudinal Effect of Cosmic Rays in the Stratosphere and Test of the Cascade Theory" (dissertation for PhD degree in Mathematical Physics, 1939), pp 25-114.  
 Includes a 3-page summary in English.
3. L. V. Groshev, "Pair Formation in Gases Due to Gamma Rays" (dissertation for PhD degree in Mathematical Physics, 1940), pp 115-180.  
 Includes a 2-page summary in English.

Number Two

1. Ya. L. Al'pert, "Investigation of the Phase Structure of the Electromagnetic Field Close to a Radiating Antenna" (dissertation for BS degree in Mathematical Physics, defended 14 June 1941 at the institute), pp 5-43.  
 Includes a 1-page summary in English.
2. P. A. Ryazin. "Propagation of Radio Waves Along the Earth's Surface" (Dissertation for PhD degree in Mathematical Physics, defended 22 October 1941 at the institute), pp 46-120.

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Includes a 2-page summary in English.

3. V. A. Yastrebov, "Temperature Stability of Luminescence Bands" (dissertation for BS degree in Mathematical Physics, defended 28 June 1941 at the institute), pp 121-195.

Includes a 2-page summary in English

4. V. L. Ginzburg, "Theory of Excited Spin States of Elementary Particles (revision and addition to the author's dissertation for PhD degree, defended by the author 12 May 1942 at the institute), pp 196-223.

Includes a 1-page summary in English.

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